

Storm Data and Unusual Weather Phenomena - April 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northwest				
HENRY COUNTY --- OSCO [41.35, -90.28]				
	04/22/08 06:50 CST		0	Hail (0.75 in)
	04/22/08 06:50 CST		0	Source: Trained Spotter
A trained spotter estimated hail the size of pennies in Osco.				
A cold front moving across the region and associated upper level disturbance, triggered strong thunderstorms during the morning hours of April 22, 2008. There were several reports of pea to marble size hail, but a severe thunderstorm produced penny size hail at Osco, Illinois in Henry county.				
JO DAVIESS COUNTY --- 0.7 N NORA [42.46, -89.93]				
	04/24/08 23:06 CST		0	Hail (0.75 in)
	04/24/08 23:06 CST		0	Source: Trained Spotter
A trained spotter measured dime to penny size hail near Nora.				
HANCOCK COUNTY --- 0.7 N HAMILTON [40.41, -91.35], 0.7 E HAMILTON [40.40, -91.34], 0.7 S HAMILTON [40.39, -91.35], 0.7 W HAMILTON [40.40, -91.36]				
	04/25/08 06:19 CST		0	Flash Flood (due to Heavy Rain)
	04/25/08 06:19 CST		0	Source: Trained Spotter
A trained spotter reported creeks and rivers bankfull with some smaller streams out of their banks. Some farm fields were also flooded.				
CARROLL COUNTY --- 2.1 S THOMSON [41.94, -90.10]				
	04/25/08 08:02 CST		0	Hail (0.75 in)
	04/25/08 08:02 CST		0	Source: Public
Penny size hail was reported near Thomson.				
WHITESIDE COUNTY --- 3.3 SE COLETA [41.87, -89.75]				
	04/25/08 08:22 CST		0	Hail (0.88 in)
	04/25/08 08:22 CST		0	Source: Trained Spotter
A trained spotter observed nickel size hail near Coleta.				
STEPHENSON COUNTY --- 0.9 NW FREEPORT [42.29, -89.63]				
	04/25/08 16:14 CST		0	Hail (0.75 in)
	04/25/08 16:14 CST		0	Source: Emergency Manager
Penny size hail was measured in Freeport.				
JO DAVIESS COUNTY --- 1.2 SE RICE [42.32, -90.36]				
	04/25/08 16:55 CST		0	Hail (0.75 in)
	04/25/08 16:55 CST		0	Source: Trained Spotter
Trained spotter measured penny size hail near Rice.				
Strong low pressure tracked from western Kansas to western Wisconsin on April 24-25, 2008. A warm front moving across the region brought heavy rain and flash flooding to areas north of I-80. Then an impressive cold front swept across eastern Iowa and northwest Illinois. This front triggered severe thunderstorms which produced two tornadoes, large hail and damaging winds.				
(IL-Z001) JO DAVIESS, (IL-Z002) STEPHENSON, (IL-Z007) CARROLL, (IL-Z009) WHITESIDE, (IL-Z015) ROCK ISLAND, (IL-Z016) HENRY, (IL-Z017) BUREAU, (IL-Z018) PUTNAM, (IL-Z024) MERCER, (IL-Z025) HENDERSON, (IL-Z026) WARREN, (IL-Z034) HANCOCK, (IL-Z035) MCDONOUGH				
	04/29/08 01:00 CST		0	Frost/Freeze
	04/29/08 06:30 CST		0	

A chilly Canadian airmass spread southward into the Midwest on April 29, 2008. Clear skies and light winds created ideal conditions for widespread frost and freezing temperatures. Readings dropped to the upper 20s to lower 30s across eastern Iowa, northwest Illinois and northeast Missouri during the early morning hours. Damage to crops and gardens was minimal as a cool and wet spring prevented field work.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CARROLL COUNTY --- 1.0 N SAVANNA [42.09, -90.15], 1.0 E SAVANNA [42.08, -90.13], 1.0 S SAVANNA [42.07, -90.15], 1.0 W SAVANNA [42.08, -90.17]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
HANCOCK COUNTY --- 1.0 N WARSAW [40.36, -91.43], 1.0 E WARSAW [40.35, -91.41], 1.0 S WARSAW [40.34, -91.43], 1.0 W WARSAW [40.35, -91.45]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
HENDERSON COUNTY --- 1.0 N OQUAWKA [40.94, -90.95], 1.0 E OQUAWKA [40.93, -90.93], 1.0 S OQUAWKA [40.92, -90.95], 1.0 W OQUAWKA [40.93, -90.97]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
HENRY COUNTY --- 1.0 N COLONA [41.49, -90.35], 1.0 E COLONA [41.48, -90.33], 1.0 S COLONA [41.47, -90.35], 1.0 W COLONA [41.48, -90.37]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
JO DAVIESS COUNTY --- 1.0 N EAST DUBUQUE [42.49, -90.63], 1.0 E EAST DUBUQUE [42.48, -90.61], 1.0 S EAST DUBUQUE [42.47, -90.63], 1.0 W EAST DUBUQUE [42.48, -90.65]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
MERCER COUNTY --- 1.0 N NEW BOSTON [41.18, -91.00], 1.0 E NEW BOSTON [41.17, -90.98], 1.0 S NEW BOSTON [41.16, -91.00], 1.0 W NEW BOSTON [41.17, -91.02]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
ROCK ISLAND COUNTY --- 1.0 N MOLINE [41.51, -90.52], 1.0 E MOLINE [41.50, -90.50], 1.0 S MOLINE [41.49, -90.52], 1.0 W MOLINE [41.50, -90.54]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
STEPHENSON COUNTY --- 1.0 N FREEPORT [42.29, -89.62], 1.0 E FREEPORT [42.28, -89.60], 1.0 S FREEPORT [42.27, -89.62], 1.0 W FREEPORT [42.28, -89.64]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
WHITESIDE COUNTY --- 1.0 N FULTON [41.88, -90.17], 1.0 E FULTON [41.87, -90.15], 1.0 S FULTON [41.86, -90.17], 1.0 W FULTON [41.87, -90.19]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager

Major to near record flooding occurred during the month of April 2008. Flooding continued at some locations from events that began in March, and also continued into May. This particular flood event for most of the region was the worst since 1997. Although the Flood of 2001 saw higher crests on the Mississippi River, that flood affected primarily the Mississippi River itself and only a few of its tributaries. This year's flood event affected the Mississippi River as well as many of its tributaries.

A series of moderate to record high rainfall events continued the flooding at many locations that set flooding in motion at other locations. The most notable heavy rainfall event occurred from April 24-25 when 5 or more inches of rain fell from north central Iowa into southern Wisconsin. The Iowa, Cedar, Wapsipinicon and Maquoketa River basins received the heaviest rainfall. With soil moisture at or above the 95th percentile for that time of year, much of the rainfall became runoff and quickly ran into streams and creeks. The initial result was flash flooding especially across northeast Iowa. The event then transitioned to a river flood event, with major to near record crests experienced on the Cedar, Wapsipinicon and Maquoketa Rivers. The Mississippi River also experienced major flooding. All forecast points on the Mississippi River from Dubuque to Keokuk topped flood stage.

As of April 30th many forecast points continued seeing stages above flood stage. Affected rivers included the Mississippi, Cedar, Iowa, Wapsipinicon and the Maquoketa.

HANCOCK COUNTY --- 1.3 E SUTTER [40.28, -91.31], 2.6 ENE SUTTER [40.30, -91.28]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/10/08 17:30 CST		0.10M	Tornado (EF1, L: 1.60 mi , W: 150 yd)
	04/10/08 17:32 CST		0	Source: NWS Storm Survey

An EF1 tornado moved northeast from 1.3 miles east of Sutter to 2.6 miles east northeast of Sutter. A garage, barns, and sheds were destroyed. Another barn was blown off its foundation, and a church roof, hog confinement, some homes, outbuildings, and several trees were damaged. Time estimated.

HANCOCK COUNTY --- 4.2 W BASCO [40.33, -91.28], 4.1 W BASCO [40.33, -91.28]

04/10/08 17:33 CST	20K	Tornado (EF0, L: 0.20 mi , W: 50 yd)
04/10/08 17:34 CST	0	Source: NWS Storm Survey

An EF0 tornado moved to the northeast beginning just east of Elderville. A roof to a house and a tree were damaged. Time estimated.

HANCOCK COUNTY --- 0.8 ESE ELVASTON [40.40, -91.24], 1.2 ENE ELVASTON [40.40, -91.23]

04/10/08 17:35 CST	30K	Tornado (EF0, L: 0.75 mi , W: 75 yd)
04/10/08 17:36 CST	0	Source: NWS Storm Survey

An EF0 tornado briefly touched down just northeast of Elvaston. One residence sustained roof and tree damage, as well as damage to a garage door. Time estimated.

MCDONOUGH COUNTY --- 3.8 SE BLANDINSVILLE [40.51, -90.82]

04/10/08 17:59 CST	0	Thunderstorm Wind (EG 65 kt)
04/10/08 17:59 CST	0	Source: Trained Spotter

Winds estimated to be 75 mph were observed southeast of Blandinsville.

Heavy rain-producing thunderstorms moved across Northeast Missouri, Eastern Iowa, and west central & northwest Illinois during the late afternoon and evening hours of April 10th. Some of the storms produced tornadoes ranging in intensity from EF0 to EF1.

IOWA, East Central and Southeast

BUCHANAN COUNTY --- 2.0 W STANLEY [42.65, -91.86]

04/24/08 22:42 CST	0	Thunderstorm Wind (EG 50 kt)
04/24/08 22:42 CST	0	Source: COOP Observer

Observer reported two augers blown over into a ditch and shingles off a roof 2 miles west of Stanley.

DELAWARE COUNTY --- 0.7 S EDGEWOOD [42.64, -91.40]

04/25/08 04:45 CST	0	Heavy Rain
04/25/08 04:45 CST	0	Source: Trained Spotter

Trained spotter measured 4.17 inches of rain in 24 hours near Edgewood.

DELAWARE COUNTY --- 0.9 NW MANCHESTER [42.49, -91.46], 0.9 NE MANCHESTER [42.49, -91.44], 0.9 SE MANCHESTER [42.47, -91.44], 0.9 SW MANCHESTER [42.47, -91.46]

04/25/08 05:45 CST	0	Flash Flood (due to Heavy Rain)
04/25/08 05:45 CST	0	Source: Emergency Manager

Emergency manager reported a few roads washed out in Delaware county, due to small streams overflowing onto some roads.

JONES COUNTY --- 3.2 ESE MARTELLE [42.01, -91.31]

04/25/08 06:20 CST	0	Hail (0.88 in)
04/25/08 06:20 CST	0	Source: Law Enforcement

A deputy sheriff reported nickel size hail between Morley and Martell.

BUCHANAN COUNTY --- 0.9 SE STANLEY [42.64, -91.81], 0.9 SW STANLEY [42.64, -91.83], 0.9 NW STANLEY [42.66, -91.83], 0.9 NE STANLEY [42.66, -91.81]

04/25/08 06:30 CST	0	Flash Flood (due to Heavy Rain)
04/25/08 06:30 CST	0	Source: COOP Observer

Observer reported flash flooding on area roads and 2.38 inches of rain overnight.

Storm Data and Unusual Weather Phenomena - April 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DUBUQUE COUNTY --- 1.5 SSE ASBURY [42.50, -90.74]				
	04/25/08 06:30 CST		0	Heavy Rain
	04/25/08 06:30 CST		0	Source: Trained Spotter
A trained spotter measured 2.12 inches of rain overnight.				
LINN COUNTY --- 2.3 SSW CEDAR RAPIDS [41.97, -91.67], 2.3 WNW CEDAR RAPIDS [42.01, -91.69], 2.3 ENE CEDAR RAPIDS [42.01, -91.61], 2.3 SSE CEDAR RAPIDS [41.97, -91.63]				
	04/25/08 06:30 CST		0	Flash Flood (due to Heavy Rain)
	04/25/08 06:30 CST		0	Source: Trained Spotter
A trained spotter reported Outlook Drive Southwest was flooded with water to wheel wells of cars.				
IOWA COUNTY --- 2.1 SSW MARENGO [41.77, -92.08], 2.1 WNW MARENGO [41.81, -92.11], 2.1 ENE MARENGO [41.81, -92.03], 2.1 SSE MARENGO [41.77, -92.05]				
	04/25/08 06:41 CST		0	Flash Flood (due to Heavy Rain)
	04/25/08 06:41 CST		0	Source: Trained Spotter
Heavy rain flooded farm fields south of Marengo, and streams were running bankfull. A spotter measured rainfall of 2.50 inches.				
JOHNSON COUNTY --- 0.9 SE NORTH LIBERTY [41.74, -91.61]				
	04/25/08 06:45 CST		0	Thunderstorm Wind (EG 52 kt)
	04/25/08 06:45 CST		0	Source: Law Enforcement
A few trees were blown down near North Liberty.				
JOHNSON COUNTY --- 2.3 SSW CORALVILLE RESV [41.74, -91.57]				
	04/25/08 06:45 CST		0	Thunderstorm Wind (EG 50 kt)
	04/25/08 06:45 CST		0	Source: Law Enforcement
Siding and a porch railing was blown off a house near Coralville.				
IOWA COUNTY --- 1.4 S MARENGO [41.78, -92.07]				
	04/25/08 07:29 CST		0	Heavy Rain
	04/25/08 07:29 CST		0	Source: Trained Spotter
Rainfall of 2.50 inches flooded farm fields.				
DUBUQUE COUNTY --- 0.5 E CENTER GROVE [42.50, -90.69], 0.5 S CENTER GROVE [42.49, -90.70], 0.5 W CENTER GROVE [42.50, -90.71], 0.5 N CENTER GROVE [42.51, -90.70]				
	04/25/08 07:45 CST		0	Flash Flood (due to Heavy Rain)
	04/25/08 07:45 CST		0	Source: Law Enforcement
Numerous roads were closed due to high water.				
DUBUQUE COUNTY --- 2.0 N DYERSVILLE [42.51, -91.12], 2.0 E DYERSVILLE [42.48, -91.08], 2.0 S DYERSVILLE [42.45, -91.12], 2.0 W DYERSVILLE [42.48, -91.16]				
	04/25/08 07:45 CST		0	Flash Flood (due to Heavy Rain)
	04/25/08 07:45 CST		0	Source: Law Enforcement
Law enforcement reported that some roads were closed due to high water in Dyersville.				
DUBUQUE COUNTY --- 1.5 SSE ASBURY [42.50, -90.74]				
	04/25/08 08:19 CST		0	Heavy Rain
	04/25/08 08:19 CST		0	Source: Trained Spotter
Rainfall total of 3.24 inches.				
CEDAR COUNTY --- 0.9 NE LOWDEN [41.86, -90.92]				
	04/25/08 08:48 CST		0	Heavy Rain
	04/25/08 08:48 CST		0	Source: COOP Observer

Storm Data and Unusual Weather Phenomena - April 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
An observer in Lowden reported basements of several homes flooded and small streams and creeks out of their banks.				
LINN COUNTY --- 1.2 SW PALO [42.06, -91.80]				
	04/25/08 12:58 CST		0	Hail (0.75 in)
	04/25/08 12:58 CST		0	Source: Fire Department/Rescue
The fire department observed penny size hail near Palo.				
VAN BUREN COUNTY --- 3.0 SE MILTON [40.64, -92.13]				
	04/25/08 13:06 CST		0	Thunderstorm Wind (EG 65 kt)
	04/25/08 13:06 CST		0	Source: Law Enforcement
Two power poles were blown down across Highway 2 about three miles west of Cantril. Winds were estimated at 75 mph.				
DELAWARE COUNTY --- 0.5 E BAILEYS FORD PARK [42.43, -91.39]				
	04/25/08 13:12 CST		0	Hail (0.75 in)
	04/25/08 13:12 CST		0	Source: Emergency Manager
Emergency manager reported penny size hail, very heavy rain and strong gusty winds.				
DELAWARE COUNTY --- DELHI [42.43, -91.33]				
	04/25/08 13:20 CST		0	Hail (1.75 in)
	04/25/08 13:20 CST		0	Source: Emergency Manager
Hail ranging in size from quarter to golf ball were measured in Delhi.				
DELAWARE COUNTY --- EARLVILLE [42.48, -91.27]				
	04/25/08 13:25 CST		0	Hail (1.00 in)
	04/25/08 13:25 CST		0	Source: Emergency Manager
One inch hail was measured in Earlville.				
DELAWARE COUNTY --- 0.7 N COLESBURG [42.64, -91.20]				
	04/25/08 13:31 CST		0	Hail (0.88 in)
	04/25/08 13:31 CST		0	Source: Law Enforcement
Nickel size hail was observed in Colesburg.				
DUBUQUE COUNTY --- 0.5 E NEW VIENNA [42.55, -91.11]				
	04/25/08 13:41 CST		0	Hail (1.50 in)
	04/25/08 13:41 CST		0	Source: Emergency Manager
Ping pong ball size hail was measured near New Vienna.				
DELAWARE COUNTY --- 0.9 NW MANCHESTER [42.49, -91.46]				
	04/25/08 13:59 CST		0	Heavy Rain
	04/25/08 13:59 CST		0	Source: Emergency Manager
The emergency manager reported water running over county roads especially from the southwest to the northeast portions of the county.				
HENRY COUNTY --- 0.2 NE WINFIELD [41.13, -91.45], 1.5 NE WINFIELD [41.15, -91.43]				
	04/25/08 14:08 CST		10K	Tornado (EF1, L: 1.30 mi , W: 20 yd)
	04/25/08 14:10 CST		0	Source: NWS Storm Survey
This tornado touched down on the northwest side of Winfield at the Twin Lakes golf course. The EF1 tornado had maximum winds to 90 mph, travelled to the northeast for 1.3 miles, and had a width of 20 yards. At the golf course a large pine tree was snapped, several small trees were uprooted and a wind mill damaged. At a nearby farm, a machine shed had it/s north and east walls blown out with debris carried less than 1/4 mile. A portion of a wooden fence was blown down, and there were also power poles snapped.				
MUSCATINE COUNTY --- 3.4 S WEST LIBERTY [41.53, -91.26], 2.0 W MOSCOW [41.58, -91.12]				
	04/25/08 14:15 CST		0.20M	Tornado (EF2, L: 6.50 mi , W: 150 yd)
	04/25/08 14:25 CST		0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>This tornado touched down 5.2 miles northeast of Nichols and tracked to the northeast before lifting 2 miles west of Moscow. The EF2 tornado was on the ground for 6.5 miles, had maximum winds to 115 mph and was 150 yards wide. There were 5 farmsteads that were hit by the tornado, but no injuries were reported. Siding and shingles of two homes were peeled off. Outbuildings were damaged, a machine shed and grain bin destroyed, and a wooden swingset toppled. Utility poles were snapped or blown down, while several trees were snapped or uprooted.</p>				
LEE COUNTY --- 1.4 N DENMARK [40.75, -91.33]				
	04/25/08 14:31 CST	0		Hail (0.88 in)
	04/25/08 14:31 CST	0		Source: Trained Spotter
A trained spotter measured nickel size hail and estimated winds to near 50 mph near Denmark.				
LEE COUNTY --- 1.7 WSW FT MADISON [40.62, -91.35]				
	04/25/08 14:40 CST	0		Thunderstorm Wind (EG 50 kt)
	04/25/08 14:40 CST	0		Source: Trained Spotter
A trained spotter reported shingles blown off homes and tree branches down near Fort Madison.				
MUSCATINE COUNTY --- 1.4 N MUSCATINE [41.44, -91.05]				
	04/25/08 14:58 CST	0		Heavy Rain
	04/25/08 14:58 CST	0		Source: Trained Spotter
A trained spotter reported water ponding on city streets in Muscatine.				
CLINTON COUNTY --- 0.7 N WELTON [41.91, -90.60]				
	04/25/08 15:15 CST	0		Hail (1.00 in)
	04/25/08 15:15 CST	0		Source: Broadcast Media
Hail the size of quarters were measured near Welton.				
<p>Strong low pressure tracked from western Kansas to western Wisconsin on April 24-25, 2008. A warm front moving across the region brought heavy rain and flash flooding to areas north of I-80. Then an impressive cold front swept across eastern Iowa and northwest Illinois. This front triggered severe thunderstorms which produced two tornadoes, large hail and damaging winds.</p>				
(IA-Z042) DUBUQUE				
	04/28/08 23:00 CST	0		Cold/Wind Chill
	04/29/08 00:00 CST	0		
A chilly Canadian airmass spread southward into the northern portions of the region on April 28, 2008. Skies cleared during the late evening at Dubuque, Iowa allowing for a new record low temperature to be established.				
<p>(IA-Z040) BUCHANAN, (IA-Z041) DELAWARE, (IA-Z042) DUBUQUE, (IA-Z051) BENTON, (IA-Z052) LINN, (IA-Z053) JONES, (IA-Z054) JACKSON, (IA-Z063) IOWA, (IA-Z064) JOHNSON, (IA-Z065) CEDAR, (IA-Z066) CLINTON, (IA-Z067) MUSCATINE, (IA-Z068) SCOTT, (IA-Z076) KEOKUK, (IA-Z077) WASHINGTON, (IA-Z078) LOUISA, (IA-Z087) JEFFERSON, (IA-Z088) HENRY, (IA-Z089) DES MOINES, (IA-Z098) VAN BUREN, (IA-Z099) LEE</p>				
	04/29/08 00:00 CST	0		Frost/Freeze
	04/29/08 06:30 CST	0		
A chilly Canadian airmass spread southward into the Midwest on April 29, 2008. Clear skies and light winds created ideal conditions for widespread frost and freezing temperatures. Readings dropped to the upper 20s to lower 30s across eastern Iowa, northwest Illinois and northeast Missouri during the early morning hours. Damage to crops and gardens was minimal as a cool and wet spring prevented field work.				
(IA-Z040) BUCHANAN, (IA-Z051) BENTON, (IA-Z054) JACKSON, (IA-Z066) CLINTON, (IA-Z068) SCOTT				
	04/10/08 10:45 CST		72.10K	High Wind (MAX 56 kt)
	04/10/08 14:45 CST		0	
Non-thunderstorm winds blew across parts of eastern Iowa, mainly between Highway 20 and Interstate 80, during the afternoon of April 10th. Damage to some out buildings, flag and power poles, and trees were reported.				
VAN BUREN COUNTY --- 1.1 SE LEBANON [40.72, -92.06], 1.2 NNE LEBANON [40.75, -92.07]				
	04/10/08 17:16 CST	0.15M		Tornado (EF2, L: 1.83 mi , W: 220 yd)
	04/10/08 17:19 CST	0		Source: NWS Storm Survey

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An EF2 tornado moved northeast from just southeast of Lebanon to just northeast of Lebanon during the early evening of April 10th. A wine shed and mobile home were destroyed. The top was ripped off of a silo and the second story of a winery was damaged. A house sustained minor structural damage and several large trees were topped off.				
KEOKUK COUNTY --- 3.3 NW SIGOURNEY [41.36, -92.25]				
	04/10/08 17:22 CST		40K	Thunderstorm Wind (EG 61 kt)
	04/10/08 17:22 CST		0	Source: Public
A roof was blown off a garage and another outbuilding.				
JEFFERSON COUNTY --- 0.8 NNW FAIRFIELD [41.01, -91.99], 0.9 NNE FAIRFIELD [41.01, -91.97]				
	04/10/08 17:25 CST		50K	Thunderstorm Wind (EG 61 kt)
	04/10/08 17:25 CST		0	Source: NWS Storm Survey
Thunderstorm winds estimated to be 70 mph damaged some buildings in the vicinity of 8th St. and W Depot Ave. near the BNSF railroad tracks in Fairfield and ripped the roof off the Dexter-Apache Holdings Inc. building on Grimes Ave. The railroad crossing assembly was also ripped off.				
JEFFERSON COUNTY --- 0.9 NNE FAIRFIELD [41.01, -91.97]				
	04/10/08 17:25 CST		0	Thunderstorm Wind (EG 52 kt)
	04/10/08 17:25 CST		0	Source: NWS Storm Survey
Wind gusts in Fairfield were estimated to be 60 mph.				
VAN BUREN COUNTY --- 2.7 ENE UTICA [40.81, -91.87], 1.4 NW STOCKPORT [40.89, -91.83]				
	04/10/08 17:25 CST		30K	Tornado (EF1, L: 5.29 mi , W: 50 yd)
	04/10/08 17:32 CST		0	Source: NWS Storm Survey
An EF1 tornado moved northeast from about 2 miles west of Utica to 2 miles north of Stockport. The roof of a barn was ripped off and a shed was blown off its foundation. Some trees were also damaged and a utility pole was blown over onto a car. Time estimated.				
KEOKUK COUNTY --- 0.3 SW MARTINSBURG [41.18, -92.25], 1.1 ENE HEDRICK [41.18, -92.30]				
	04/10/08 17:30 CST		40K	Thunderstorm Wind (EG 56 kt)
	04/10/08 17:30 CST		0	Source: Law Enforcement
Four power poles were snapped between Martinsburg and Hedrick on Highway 149. Delayed report.				
IOWA COUNTY --- 2.2 WNW GENOA BLUFF [41.69, -92.19]				
	04/10/08 17:50 CST		0	Funnel Cloud
	04/10/08 17:50 CST		0	Source: Law Enforcement
A funnel cloud was spotted south of Interstate 80 near Ladora, where additional rotation in the clouds was observed.				
KEOKUK COUNTY --- 2.1 NW SIGOURNEY [41.35, -92.23]				
	04/10/08 18:00 CST		5K	Thunderstorm Wind (EG 60 kt)
	04/10/08 18:00 CST		0	Source: Law Enforcement
A shed collapsed due to straight line winds estimated to be 60 mph near Sigourney. Delayed report.				
KEOKUK COUNTY --- 1.8 NNE SOUTH ENGLISH [41.47, -92.06], 1.9 SE NORTH ENGLISH [41.50, -92.06]				
	04/10/08 18:03 CST		50K	Tornado (EF0, L: 1.83 mi , W: 100 yd)
	04/10/08 18:08 CST		0	Source: NWS Storm Survey
An EF0 tornado moved northeast for about 2 miles just northeast of South English. Some shingles were blown off a few houses, some outbuildings and a machine shed were damaged or destroyed, and some trees were blown down.				
KEOKUK COUNTY --- 1.5 ENE TALLEYRAND [41.31, -91.95]				
	04/10/08 18:05 CST		0	Tornado (EF0, L: 0.01 mi , W: 25 yd)
	04/10/08 18:05 CST		0	Source: Law Enforcement
Law enforcement reported a tornado on the ground 4 miles south of Keota.				
JONES COUNTY --- 0.9 NE MONTICELLO [42.24, -91.19]				

Storm Data and Unusual Weather Phenomena - April 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/10/08 20:15 CST		15K	Thunderstorm Wind (EG 52 kt)
	04/10/08 20:15 CST		0	Source: Emergency Manager
Winds estimated to be 60 mph blew a power pole over slightly and downed some power lines. Time estimated.				
Heavy rain-producing thunderstorms moved across Northeast Missouri, Eastern Iowa, and west central & northwest Illinois during the late afternoon and evening hours of April 10th. Some of the storms produced tornadoes ranging in intensity from EF0 to EF2.				
BENTON COUNTY --- 1.0 N VINTON [42.18, -92.03], 1.0 E VINTON [42.17, -92.01], 1.0 S VINTON [42.16, -92.03], 1.0 W VINTON [42.17, -92.05]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
BUCHANAN COUNTY --- 1.0 N INDEPENDENCE [42.48, -91.88], 1.0 E INDEPENDENCE [42.47, -91.86], 1.0 S INDEPENDENCE [42.46, -91.88], 1.0 W INDEPENDENCE [42.47, -91.90]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
CEDAR COUNTY --- 1.0 N ROCHESTER [41.68, -91.17], 1.0 E ROCHESTER [41.67, -91.15], 1.0 S ROCHESTER [41.66, -91.17], 1.0 W ROCHESTER [41.67, -91.19]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
CLINTON COUNTY --- 1.0 N DEWITT [41.83, -90.55], 1.0 E DEWITT [41.82, -90.53], 1.0 S DEWITT [41.81, -90.55], 1.0 W DEWITT [41.82, -90.57]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
DELAWARE COUNTY --- 1.0 N MANCHESTER [42.49, -91.45], 1.0 E MANCHESTER [42.48, -91.43], 1.0 S MANCHESTER [42.47, -91.45], 1.0 W MANCHESTER [42.48, -91.47]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
DES MOINES COUNTY --- 1.0 N BURLINGTON [40.83, -91.08], 1.0 E BURLINGTON [40.82, -91.06], 1.0 S BURLINGTON [40.81, -91.08], 1.0 W BURLINGTON [40.82, -91.10]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
DUBUQUE COUNTY --- 1.0 N DUBUQUE [42.51, -90.67], 1.0 E DUBUQUE [42.50, -90.65], 1.0 S DUBUQUE [42.49, -90.67], 1.0 W DUBUQUE [42.50, -90.65]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
IOWA COUNTY --- 1.0 N AMANA [41.81, -91.88], 1.0 E AMANA [41.80, -91.86], 1.0 S AMANA [41.79, -91.88], 1.0 W AMANA [41.80, -91.90]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
JACKSON COUNTY --- 1.0 N MAQUOKETA [42.08, -90.68], 1.0 E MAQUOKETA [42.07, -90.66], 1.0 S MAQUOKETA [42.06, -90.68], 1.0 W MAQUOKETA [42.07, -90.70]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
JOHNSON COUNTY --- 1.0 N IOWA CITY [41.68, -91.55], 1.0 E IOWA CITY [41.67, -91.53], 1.0 S IOWA CITY [41.66, -91.55], 1.0 W IOWA CITY [41.67, -91.57]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
JONES COUNTY --- 1.0 N ANAMOSA [42.13, -91.28], 1.0 E ANAMOSA [42.12, -91.26], 1.0 S ANAMOSA [42.11, -91.28], 1.0 W ANAMOSA [42.12, -91.30]				
	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - April 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LEE COUNTY --- 1.0 N KEOKUK [40.41, -91.38], 1.0 E KEOKUK [40.40, -91.36], 1.0 S KEOKUK [40.39, -91.38], 1.0 W KEOKUK [40.40, -91.40]	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
LINN COUNTY --- 1.0 N CEDAR RAPIDS [42.01, -91.65], 1.0 E CEDAR RAPIDS [42.00, -91.63], 1.0 S CEDAR RAPIDS [41.99, -91.65], 1.0 W CEDAR RAPIDS [42.00, -91.67]	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
LOUISA COUNTY --- 1.0 N COLUMBUS JCT [41.28, -91.35], 1.0 E COLUMBUS JCT [41.27, -91.33], 1.0 S COLUMBUS JCT [41.26, -91.35], 1.0 W COLUMBUS JCT [41.27, -91.37]	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
MUSCATINE COUNTY --- 1.0 N MUSCATINE [41.43, -91.05], 1.0 E MUSCATINE [41.42, -91.03], 1.0 S MUSCATINE [41.41, -91.05], 1.0 W MUSCATINE [41.42, -91.07]	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager
SCOTT COUNTY --- 1.0 N DAVENPORT [41.54, -90.58], 1.0 E DAVENPORT [41.53, -90.56], 1.0 S DAVENPORT [41.52, -90.58], 1.0 W DAVENPORT [41.53, -90.60]	04/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	04/30/08 23:59 CST		0	Source: Emergency Manager

Major to near record flooding occurred during the month of April 2008. Flooding continued at some locations from events that began in March, and also continued into May. This particular flood event for most of the region was the worst since 1997. Although the Flood of 2001 saw higher crests on the Mississippi River, that flood affected primarily the Mississippi River itself and only a few of its tributaries. This year's flood event affected the Mississippi River as well as many of its tributaries.

A series of moderate to record high rainfall events continued the flooding at many locations that set flooding in motion at other locations. The most notable heavy rainfall event occurred from April 24-25 when 5 or more inches of rain fell from north central Iowa into southern Wisconsin. The Iowa, Cedar, Wapsipinicon and Maquoketa River basins received the heaviest rainfall. With soil moisture at or above the 95th percentile for that time of year, much of the rainfall became runoff and quickly ran into streams and creeks. The initial result was flash flooding especially across northeast Iowa. The event then transitioned to a river flood event, with major to near record crests experienced on the Cedar, Wapsipinicon and Maquoketa Rivers. The Mississippi River also experienced major flooding. All forecast points on the Mississippi River from Dubuque to Keokuk topped flood stage.

As of April 30th many forecast points continued seeing stages above flood stage. Affected rivers included the Mississippi, Cedar, Iowa, Wapsipinicon and the Maquoketa.

MISSOURI, Northeast

(MO-Z009) SCOTLAND, (MO-Z010) CLARK

04/29/08 03:00 CST	0	Frost/Freeze
04/29/08 06:00 CST	0	

A chilly Canadian airmass spread southward into the Midwest on April 29, 2008. Clear skies and light winds created ideal conditions for widespread frost and freezing temperatures. Readings dropped to the upper 20s to lower 30s across eastern Iowa, northwest Illinois and northeast Missouri during the early morning hours. Damage to crops and gardens was minimal as a cool and wet spring prevented field work.

CLARK COUNTY --- 1.0 N GREGORY LNDG [40.29, -91.50], 1.0 E GREGORY LNDG [40.28, -91.48], 1.0 S GREGORY LNDG [40.27, -91.50], 1.0 W GREGORY LNDG [40.28, -91.52]

04/01/08 00:00 CST	0	Flood (due to Heavy Rain)
04/30/08 23:59 CST	0	Source: Emergency Manager

Major to near record flooding occurred during the month of April 2008. Flooding continued at some locations from events that began in March, and also continued into May. This particular flood event for most of the region was the worst since 1997. Although the Flood of 2001 saw higher crests on the Mississippi River, that flood affected primarily the Mississippi River itself and only a few of its tributaries.

Storm Data and Unusual Weather Phenomena - April 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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As of April 30th many forecast points continued seeing stages above flood stage. Affected rivers included the Mississippi, Cedar, Iowa, Wapsipinicon and the Maquoketa.

SCOTLAND COUNTY --- 0.7 S MEMPHIS [40.46, -92.17]

04/10/08 16:53 CST	0	Funnel Cloud
04/10/08 16:53 CST	0	Source: Trained Spotter

A funnel cloud was spotted along Highway 15 near Memphis. As it headed northward toward Milton, it dissipated.

CLARK COUNTY --- 5.8 WNW ANSON [40.60, -91.88]

04/10/08 19:35 CST	0	Thunderstorm Wind (EG 52 kt)
04/10/08 19:35 CST	0	Source: Trained Spotter

Winds estimated to be 60 mph blew down a 4 inch diameter branch about 15 feet long off of a willow tree about 10 miles north of Luray. Delayed report. Time estimated. The trained spotter was not at home when it occurred.

Heavy rain-producing thunderstorms moved across Northeast Missouri, Eastern Iowa, and west central & northwest Illinois during the late afternoon and evening hours of April 10th. Some of the storms produced damaging winds, funnel clouds, and tornadoes.

Storm Data and Unusual Weather Phenomena - May 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northwest				
HENDERSON COUNTY --- 9.0 NW ROZETTA [41.04, -90.99], 4.0 WNW BALD BLUFF [41.04, -90.92], 2.0 NE OQUAWKA [40.95, -90.92], 1.0 SE GULFPORT [40.81, -91.07], 1.0 E HEAPSVILLE [40.77, -91.05], 1.0 N LOMAX [40.69, -91.07], 5.0 SW LOMAX [40.63, -91.14], 15.0 WSW DECORRA [40.65, -91.23]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/16/08 21:00 CST		0	Source: Official NWS Observations
The Mississippi River at Gladstone was over its major flood stage level from 12:00 am May 1 until 2:00 am May 8.				
The Mississippi River at Burlington was over its major flood stage level from 12:00 am May 1 to 3:30 am May 9 and again from 4:00 pm May 12 to 10:00 pm May 16.				
MERCER COUNTY --- 3.0 S NEW BOSTON [41.13, -91.00], 2.0 ESE NEW BOSTON [41.16, -90.96], 1.0 E KEITHSBURG [41.10, -90.91], 3.0 SSE KEITHSBURG [41.06, -90.91], 4.0 SW KEITHSBURG [41.06, -90.98]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/08/08 09:00 CST		0	Source: Official NWS Observations
The Mississippi River at Keithsburg was over its major flood stage level from 12:00 am May 1 until 10:00 am May 8.				
MERCER COUNTY --- 8.0 WNW NEW BOSTON [41.21, -91.14], 7.0 W ELIZA [41.30, -91.10], 4.0 W ELIZA [41.30, -91.05], 7.0 W MANNON [41.23, -91.08], 2.0 ESE NEW BOSTON [41.16, -90.96], 3.0 S NEW BOSTON [41.13, -91.00]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/07/08 12:00 CST		0	Source: Official NWS Observations
The Mississippi River at New Boston was over its major flood stage level from 12:00 am May 1 until 1:00 pm May 7.				
ROCK ISLAND COUNTY --- 3.0 N ANDALUSIA [41.47, -90.72], 1.0 S ANDALUSIA [41.42, -90.72], 7.0 W ILLINOIS CITY [41.40, -91.04], 8.0 WNW ILLINOIS CITY [41.44, -91.04]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/05/08 16:00 CST		0	Source: Official NWS Observations
The Mississippi River at Illinois City was over its major flood stage level from 12:00 am May 1 until 5:00 pm May 5.				
The Mississippi River at Muscatine was over its major flood stage level from 12:00 am May 1 until 4:00 am May 5.				
ROCK ISLAND COUNTY --- 3.0 N ANDALUSIA [41.47, -90.72], 3.0 NW HAMPTON [41.58, -90.46], 2.0 SE HAMPTON [41.53, -90.39], 1.0 S ANDALUSIA [41.42, -90.72]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/04/08 05:00 CST		0	Source: Official NWS Observations
The Mississippi River at Rock Island was over its major flood stage level from 12:00 am May 1 until 6:00 am May 4.				
Heavy rains during the second half of April caused several area rivers including the Mississippi River between Rock Island, Illinois and Keokuk, Iowa to not only surpass their respective flood stage, but also go over their major river stage level. At the beginning of May, locations from Rock Island to Burlington were over their major flood stage level. All of these locations fell below their respective major flood stage level between May 4 and May 9.				
IOWA, East Central and Southeast				
CLINTON COUNTY --- WHEATLAND [41.83, -90.85], CLINTON [41.83, -90.20], CAMANCHE [41.67, -90.35], 10.0 SSE WHEATLAND [41.70, -90.78]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/05/08 02:00 CST		0	Source: Official NWS Observations
The Wapsipinicon River near De Witt was over its major flood stage level from 12:00 am on May 1 until 3:00 am May 5.				
DES MOINES COUNTY --- 10.0 NE KINGSTON [41.08, -90.89], 7.0 ESE SPRING GROVE [40.69, -91.03], 2.0 SSE SPRING GROVE [40.70, -91.14], 4.0 N BURLINGTON ARPT [40.84, -91.12], 3.0 SE KINGSTON [40.95, -90.99], 5.0 NNE HURON [41.10, -90.99]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/16/08 21:00 CST		0	Source: Official NWS Observations

Storm Data and Unusual Weather Phenomena - May 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The Mississippi River at Gladstone was over its major flood stage level from 12:00 am May 1 until 2:00 am May 8.				
The Mississippi River at Burlington was over its major flood stage level from 12:00 am May 1 to 3:30 am May 9 and again from 4:00 pm May 12 to 10:00 pm May 16.				
LOUISA COUNTY --- 4.3 NW GLADWIN [41.42, -91.50], 3.4 NNE GLADWIN [41.42, -91.43], 0.6 ENE FREDONIA [41.28, -91.32], 2.1 ENE TOOLESBORO [41.16, -91.04], 3.2 E TOOLESBORO [41.15, -91.01], 3.4 S OAKVILLE [41.05, -91.06], 0.2 NNW COLUMBUS CITY [41.27, -91.38]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/02/08 21:00 CST		0	Source: Official NWS Observations
The Iowa River at Columbus Junction was over its major flood stage level from 12:00 am on May 1 until 1:00 pm May 2.				
The Iowa River at Wapello was over its major flood stage level from 12:00 am on May 1 until 10:00 pm May 2.				
LOUISA COUNTY --- 5.5 ENE GRANDVIEW [41.32, -91.11], 8.6 ENE GRANDVIEW [41.32, -91.04], 8.2 ESE OAKVILLE [41.06, -90.90], 3.5 SE OAKVILLE [41.07, -91.00], 3.7 SSE GRANDVIEW [41.23, -91.17]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/08/08 09:00 CST		0	Source: Official NWS Observations
The Mississippi River at New Boston was over its major flood stage level from 12:00 am May 1 until 1:00 pm May 7.				
The Mississippi River at Keithsburg was over its major flood stage level from 12:00 am May 1 until 10:00 am May 8.				
MUSCATINE COUNTY --- 6.0 SSW MUSCATINE [41.34, -91.09], 1.0 NW MUSCATINE [41.43, -91.06], 4.0 NE MUSCATINE [41.46, -91.00], 1.0 NW FAIRPORT [41.44, -90.93], 2.0 W MONTPELIER [41.47, -90.86], 2.0 E MONTPELIER [41.47, -90.78], 4.0 SE MONTPELIER [41.43, -90.77], 5.0 E FRUITLAND [41.35, -91.03]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/05/08 16:00 CST		0	Source: Official NWS Observations
The Mississippi River at Illinois City was over its major flood stage level from 12:00 am May 1 until 5:00 pm May 5.				
The Mississippi River at Muscatine was over its major flood stage level from 12:00 am May 1 until 4:00 am May 5.				
SCOTT COUNTY --- 3.2 N DIXON [41.80, -90.77], 4.3 WNW MC CAUSLAND [41.79, -90.48], 5.8 E MC CAUSLAND [41.76, -90.29], 0.7 E PRINCETON [41.67, -90.34], 1.3 WSW GAMBRILL [41.74, -90.57], 0.5 WSW DONAHUE [41.70, -90.69], 1.9 SSW DIXON [41.73, -90.80]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/05/08 02:00 CST		0	Source: Official NWS Observations
The Wapsipinicon River near De Witt was over its major flood stage level from 12:00 am on May 1 until 3:00 am May 5.				
SCOTT COUNTY --- 4.8 WSW BUFFALO [41.43, -90.82], 0.3 NNE DAVENPORT [41.53, -90.58], 1.0 NW RIVERDALE [41.54, -90.48], 3.2 NE PLEASANT VLY [41.60, -90.38], 3.6 E PLEASANT VLY [41.57, -90.36], 2.0 SE RIVERDALE [41.51, -90.44], 3.0 S DAVENPORT [41.49, -90.58], 2.0 SE BUFFALO [41.43, -90.70]				
	05/01/08 00:00 CST		0	Flood (due to Heavy Rain)
	05/04/08 05:00 CST		0	Source: Official NWS Observations
The Mississippi River at Rock Island was over its major flood stage level from 12:00 am May 1 until 6:00 am May 4.				
Heavy rains during the second half of April caused several area rivers including the Mississippi River between Rock Island, Illinois and Keokuk, Iowa to not only surpass their respective flood stage, but also go over their major river stage level. At the beginning of May, locations from Rock Island to Burlington were over their major flood stage level. Keokuk, Iowa reached its major flood stage level during the evening of May 1st. Other locations that were already over their major flood stage level at the beginning of the month include: the Wapsipinicon River at De Witt, Iowa, the Iowa River at Columbus Junction, Iowa, and the Iowa River at Wapello, Iowa. All of these locations fell below their respective major flood stage level between May 3 and May 9.				
Heavy rains on May 10th and 11th caused the Mississippi River at Burlington to rise above its major flood stage level again. It fell back below its major flood stage level during the evening of May 16th.				